California Marine Life Protection Act North Coast Project

Round 3 MLPA North Coast Regional Stakeholder Group MPA Proposal Overview Table: MPAs, Guidelines Met, and Justification for Guidelines Not Met

Submitted August 31, 2010

The Marine Life Protection Act (MLPA) North Coast Regional Stakeholder Group (NCRSG) submitted a single, "unified" marine protected area (MPA) proposal for Round 3 of the MLPA Initiative. The MPA proposal was developed to meet various guidelines to the extent possible; the NCRSG was asked to provide justification when guidelines were not met. Below is a table submitted by the NCRSG that provides information for each MPA included in the Round 3 NCRSG MPA Proposal: MPA type, MPA size, habitats replicated (notated by check marks), key considerations for design, as well as justification for any California Department of Fish and Game feasibility guidelines and/or science guidelines not met.

MPA Name	MPA type	MPA Size	Beach	Rocky Shore	Kelp	Hard (0- 30M) proxy	Hard (30- 100M)	Hard (100- 200M)	Soft (0- 30M) proxy	Soft (30- 100M)	Soft (100- 3000M)	Justification
Pyramid Point	SMCA	<min. size; 14mi²</min. 	√	√					✓			Designed to avoid tribal trust land including Prince Island and reduce socio-economic impacts. Capturing Hard (0-30M) and rare Kelp habitat replication in the Crescent City and Wilson Rock areas would have unacceptable economic impacts for the Crescent City community
Pt. St. George Reef Offshore	SMCA	min size; 9.5mi ² .					√			✓	√	Designed to capture rare northern bioregion 100-3000M soft habitat. Designed with inshore boundary in line with navigational buoy at 124 23' 11.335", for ease of public understanding and enforcement feasibility.
Reading Rock	SMR/ SMCA	Pref. Size; 21.4 mi ²	√	√			√		✓	√		Hard (0-30M) replicate compromise near Trinidad or Patricks Point and avoid 10-mile safety zone around ports. Capturing Hard (0-30M) habitat replication in Patricks Point / Trinidad area would have unacceptable economic impacts for the Trinidad community

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Samoa Beach		min size; 13 mi².	√				√		√			Designed specifically to reduce spacing gap for beaches from 76 mi. to 51 mi.
Humboldt Bay	SMRMA	0.79 mi ²										Designed for enforcement feasibility and to avoid Tribal Trust land and tribal gathering areas.
South Cape Mendocino SMR	SMR	min size; 9.1 mi ² .		√			√		✓			Designed as one of three SMR MPAs in the bioregion divide area to function effectively as a complex that strive for balance of meeting habitat guidelines for 'backbone', community input, cross interest support, and reductions of socioeconomic impacts.
Mattole Canyon	SMR	min size; 9.8 mi ²					√	V		~	✓	Designed to capture rare 100-200M hard habitat. Offshore SMR designed to allow safe shore access to remote communities for variety of shore based uses and small craft launchings where no other port access exists within two hours between Eureka and Shelter Cove. Designed as one of three SMR MPAs in the bioregion divide area to function effectively as a complex that strive for balance of meeting habitat guidelines for 'backbone', community input, cross interest support, and reductions of socioeconomic impacts.

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Sea Lion Gulch	SMR	min size; 10.4 mi².		√			√		✓			Designed as one of three SMR MPAs in the bioregion divide area to function effectively as a complex that strive for balance of meeting habitat guidelines for 'backbone', community input, cross interest support, and reductions of socioeconomic impacts.
Big Flat	SMCA	min size; 11.5 mi ²	√	√					√	√	✓	Designed to capture habitat replication while having allowances with enforcement feasibility in mind, avoid economic impacts to the Shelter Cove community and to capture existing Essential Fish Habitat Conservation Area
Vizcaino	SMCA	Pref. Size; 18.5 mi ²	✓	✓	✓	✓			✓	✓	√	Designed to retain rare public shore access points and to function with Ten Mile cluster to the south. One of two MPAs in NCSR that capture 0-30M proxy.
Ten Mi.	SMR/ SMCA	min size; 15.5 mi ²	√	√	√	√	√		✓	√		Designed to capture majority of habitat replicates to create first MPA in NCSR 'backbone' to avoid MPA designs that would create unacceptable and possible severe economic impacts around Fort Bragg, Mendocino and Albion River communities. Allows public access point to be retained at northern boundary and avoids important Tribal area at the southern boundary. Minimizes effects of effort shift for fishing and seaweed harvesting. Intent for cooperative experiments to inform adaptive management of sea urchins.

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Ten Mi. Estuary		0.184 mi ²										Captures only Southern Bioregion replicate for estuary habitat.
Point Cabrillo	SMR											Expands existing SMCA and adjusts and simplifies boundaries to meet California Department of Fish and Game feasibility guidelines. Re-designed with Goal 3 considerations and intent for cooperative experiments to inform adaptive management of sea urchins.
Big River Estuary	SMP	0.12 mi ²										
Navarro River Estuary	SMRMA	0.06 mi ²										